

## WEST Search History

DATE: Monday, April 15, 2002

**Set Name Query**

side by side

**Hit Count Set Name**

result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR*

L4	L3 and l1	0	L4
L3	corynebacterium or coryneform	8700	L3
L2	L1 and coryne\$	0	L2
L1	\$phosphogluconolactonase or \$phosphoglucolactonase	18	L1

END OF SEARCH HISTORY

*5426034 - from Leuconstoc bacteria*

*JP document? no seg*

09/602740  
STN Search Summary

=> d his

FILE 'CAPLUS' ENTERED AT 08:36:01 ON 15 APR 2002

L1 51 S ?PHOSPHOGLUCONOLACTONASE OR ?PHOSPHOGLUCOLACTONASE  
L2 1 S L1 AND CORYNE?

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

AN 2001:676795 CAPLUS

TI Corynebacterium glutamicum genes encoding metabolic pathway proteins

IN Pompejus, Markus; Kroeger, Burkhard; Schroeder, Hartwig; Zelder, Oskar; Haberhauer, Gregor; Kim, Jun-Won; Lee, Heung-Shick; Hwang, Byung-Joon

SO PCT Int. Appl., 316 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001066573	A2	20010913	WO 2000-IB2035	20001222
PRAI	US 2000-187970P	P	20000309		
	US 2000-606740	A	20000623		

=> d his

FILE 'CAPLUS' ENTERED AT 08:38:57 ON 15 APR 2002

L1 51 S ?PHOSPHOGLUCONOLACTONASE  
L2 6 S L1 AND BACTER?  
L3 45 S L1 AND PD<2001  
L4 5 S L3 AND ?BACTER?  
L5 40 S L3 NOT ?BACTER?

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2002 ACS

AN 2000:231967 CAPLUS

TI Functional analysis of gapped microbial genomes: amino acid metabolism of **Thiobacillus ferrooxidans**

AU Selkov, Evgeni; Overbeek, Ross; Kogan, Yakov; Chu, Lien; Vonstein, Veronika; Holmes, David; Silver, Simon; Haselkorn, Robert; Fonstein, Michael

SO Proceedings of the National Academy of Sciences of the United States of America (2000), 97(7), 3509-3514

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2002 ACS

AN 1999:641509 CAPLUS

TI Identification of the cDNA encoding **human** 6-phosphogluconolactonase, the enzyme catalyzing the second step of the pentose phosphate pathway

AU Collard, F.; Collet, J.-F.; Gerin, I.; Veiga-da-Cunha, M.; Van Schaftingen, E.

SO FEBS Letters (1999), 459(2), 223-226

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2002 ACS

AN 1992:37633 CAPLUS

TI Evidence for a pentose phosphate pathway in **Helicobacter pylori**

AU Mendz, George L.; Hazell, Stuart L.

SO FEMS Microbiol. Lett. (1991), 84(3), 331-6

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2002 ACS  
 AN 1966:85938 CAPLUS  
 TI The 6-phosphogluconolactonase in **Pseudomonas fluorescens**  
 AU Iwasaki, K.  
 SO Seikagaku (1965), 37(11), 788-93

L5 ANSWER 2 OF 40 CAPLUS COPYRIGHT 2002 ACS  
 AN 2000:646673 CAPLUS  
 TI Molecular characterization of the first two enzymes of the  
 pentose-phosphate pathway of **Trypanosoma brucei**. Glucose-6-phosphate  
 dehydrogenase and 6-phosphogluconolactonase  
 AU Duffieux, Francis; Van Roy, Joris; Michels, Paul A. M.; Oppendoes, Fred R.  
 SO Journal of Biological Chemistry (2000), 275(36), 27559-27565

L5 ANSWER 4 OF 40 CAPLUS COPYRIGHT 2002 ACS  
 AN 2000:458520 CAPLUS  
 TI The **Pseudomonas aeruginosa** devB/SOL homolog, pgl, is a member of the hex  
 regulon and encodes 6-phosphogluconolactonase  
 AU Hager, Paul W.; Calfee, M. Worth; Phibbs, Paul V.  
 SO Journal of Bacteriology (2000), 182(14), 3934-3941

L5 ANSWER 5 OF 40 CAPLUS COPYRIGHT 2002 ACS  
 AN 2000:23190 CAPLUS  
 TI Preparation of thermostable 6-phosphogluconolactonase from  
**Bacillus**  
 IN Koga, Shinji  
 SO Jpn. Kokai Tokkyo Koho, 6 pp.

L5 ANSWER 13 OF 40 CAPLUS COPYRIGHT 2002 ACS  
 AN 1993:3649 CAPLUS  
 TI Induction of specific enzymes of the oxidative pentose phosphate pathway  
 by glucono-.delta.-lactone in **Saccharomyces cerevisiae**  
 AU Sinha, Anindya; Maitra, Pabitra K.  
 SO J. Gen. Microbiol. (1992), 138(9), 1865-73

L5 ANSWER 15 OF 40 CAPLUS COPYRIGHT 2002 ACS  
 AN 1992:251033 CAPLUS  
 TI Stable 6-phosphogluconolactonase, its manufacture with  
**Leuconostoc**, and its use  
 IN Moellering, Hans; Kresse, Georg-Burkhard  
 SO Eur. Pat. Appl., 11 pp.

L5 ANSWER 16 OF 40 CAPLUS COPYRIGHT 2002 ACS  
 AN 1991:627778 CAPLUS  
 TI A method and reagents for determination of glucose-6-phosphate  
 IN Nishidate, Kazuyoshi; Suzuki, Yoko; Inaba, Satoshi  
 SO PCT Int. Appl., 24 pp.

L5 ANSWER 20 OF 40 CAPLUS COPYRIGHT 2002 ACS  
 AN 1989:91079 CAPLUS  
 TI Purification of 6-phosphogluconolactonase from **bass** (*Dicentrarchus labrax* L.) liver  
 AU Medina-Puerta, M. M.; Gallego-Iniesta, M.; Garrido-Pertierra, A.  
 SO Biochem. Int. (1988), 17(6), 1011-19

L5 ANSWER 24 OF 40 CAPLUS COPYRIGHT 2002 ACS  
AN 1987:402951 CAPLUS  
TI 6-Phosphogluconolactonase  
AU Hofer, Hans Werner; Bauer, Hans Peter  
SO Cell Biochem. Funct. (1987), 5(2), 97-96484

L5 ANSWER 27 OF 40 CAPLUS COPYRIGHT 2002 ACS  
AN 1986:47572 CAPLUS  
TI 6-Phosphogluconolactonase from **Zymomonas mobilis**. An enzyme of  
high catalytic efficiency  
AU Scopes, R. K.  
SO FEBS Lett. (1985), 193(2), 185-8

L5 ANSWER 31 OF 40 CAPLUS COPYRIGHT 2002 ACS  
AN 1983:418576 CAPLUS  
TI 6-Phosphogluconolactonase. Purification, properties and  
activities in **various tissues**  
AU Bauer, Hans Peter; Srihari, Thota; Jochims, Johannes C.; Hofer, Hans  
Werner  
SO Eur. J. Biochem. (1983), 133(1), 163-8